

AMENDMENTS TO THE ABSTRACT

Please replace the Abstract filed on July 13, 2006 with the following abstract and use it as the abstract for the current application. A clean-copy of the amended abstract is attached.

A transmitter ~~capable of~~ providing a wide output control variable width with high efficiency is provided. Saturation mode operation is performed in the vicinity of the maximum transmission power and the input level of a large power amplifier ~~12~~ is enlarged and ~~is fixed~~ ~~[[,]]~~, ~~whereby while~~ When the large power amplifier ~~12~~ is operated in a saturation state, the amplitude component of a modulation signal is input to an R input terminal ~~33~~ in the range responsive to an output power control level and power supply voltage ~~VDD~~ of a power supply terminal ~~25~~ is amplitude-modulated, whereby highly efficient polar coordinate modulation is performed. In smaller transmission power, linear mode operation is performed, the input level of the large power amplifier ~~12~~ is lessened for operating the large power amplifier ~~12~~ in the linear mode, and the power supply voltage ~~VDD~~ of the power supply terminal ~~25~~ is made variable in response to the output power control level, whereby transmission power control is performed.

Attachment: Clean-copy of abstract